CIVIL PRO

## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 17-02-202**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. | | | | | | |
| Colomn for Gate Grond Floor | 2 | 0.45 | 0.45 | 2.90 | 1.17 | |
| Colomn( First floor) | 16 | 0.20 | 0.60 | 2.90 | 5.57 | |
| Lintel L/wall | 2 | 24.15 | 0.15 | 0.15 | 1.09 | |
| Lintel Room 2,3,4,5 & 6 | 7 | 5.80 | 0.15 | 0.15 | 0.91 | |
| Lintel Room 1 East & west | 2 | 5.50 | 0.15 | 0.15 | 0.25 | |
| Lintel b/n Room1 & 2 | 1 | 3.90 | 0.15 | 0.15 | 0.09 | |
| Lintel for Toilet wall | 6 | 3.30 | 0.15 | 0.15 | 0.45 | |
| Staircase riser | 1/2X19 | 1.05 | 0.15 | 0.25 | 0.37 | |
| Staicase Waist slab | 2 | 3.20 | 1.05 | 0.15 | 1.01 | |
| Staicase landing | 1 | 2.40 | 1.20 | 0.15 | 0.43 | |
| Beam L/wall | 2 | 24.15 | 0.20 | 0.30 | 2.90 | |
| Beam Room 2,3,4,5 & 6 | 7 | 5.80 | 0.20 | 0.30 | 2.44 | |
| Beam Room 1 East & west | 2 | 5.50 | 0.20 | 0.30 | 0.66 | |
| Beam b/n Room1 & 2 | 1 | 3.90 | 0.20 | 0.30 | 0.23 | |
| Roof First floor | 1 | 7.60 | 24.15 | 0.15 | 27.53 | |
| Roof First floor | 1 | 4.00 | 5.75 | 0.15 | 3.45 | |
| Head room beam | 2 | 6.10 | 0.20 | 0.30 | 0.73 | |
| Head room beam | 2 | 2.10 | 0.20 | 0.30 | 0.25 | |
| Head room Roof | 1 | 2.70 | 6.10 | 0.15 | 2.47 | |
| Deduct Staicase Waist slab | 1 | 2.10 | 4.20 | 0.15 | -1.32 | |
| | | | | | 50.67 | Cum |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ. ಮಾಸರಹಳ್ಳಿ ಪಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ. ರವೀಂದ್ರನಗರ. ಬೆಂಗಳೂರು.

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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 17-02-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1 ):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications.400x150x200mm | | | | | | |
| Long wall | 2 | 24.15 | | 2.75 | 132.83 | |
| Wall Room 2,3,4,5 & 6 | 7 | 5.80 | | 2.75 | 111.65 | |
| wall Room 1 East & west | 2 | 5.50 | | 2.75 | 30.25 | |
| wall b/n Room1 & 2 | 1 | 3.90 | | 2.75 | 10.73 | |
| wall for Toilet wall | 6 | 3.30 | | 2.75 | 54.45 | |
| Head room L/wall | 2 | 7.60 | | 1.80 | 27.36 | |
| Head room S/wall | 2 | 2.10 | | 1.80 | 7.56 | |
| Parapet | 2 | 24.15 | | 0.90 | 43.47 | |
| | 2 | 11.30 | | 0.90 | 20.34 | |
| Deduct | | | | | | |
| Colomn | 16.00 | 0.60 | | 2.75 | -26.40 | |
| Door D | 6 | 1.05 | | 2.10 | -13.23 | |
| D00r D1 | 6 | 0.90 | | 2.10 | -11.34 | |
| W1 | 11 | 1.50 | | 1.20 | -19.80 | |
| W2 | 4 | 0.90 | | 1.20 | -4.32 | |
| v | 6 | 0.90 | | 0.60 | -3.24 | |
| | | | Net Qty | Total:- | 360.30 | Unit |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ. ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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Cashier

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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 17-02-2020**

| Sl No | Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| | | | L | B | D | | |
| 10 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. | | | | | | |
| | out side Chejja W1 | 6 | 1.80 | 0.60 | | 6.48 | |
| | Out side Chejja W2 & V | 10 | 1.20 | 0.60 | | 7.20 | |
| | | | | | | 13.68 | Sqm |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

Pre measurement record on :- 06-02-2020

| Sl No | Description of work | No | Dimensions L | B | D | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| 11 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification | | | | | | |
| | First floor column 20 mm | 16x4 | 4.15 | | 265.60 | 653.38 | |
| | First floor column 16 mm | 16x4 | 4.15 | | 265.60 | 416.99 | |
| | Column str 8mm big | 16x27 | 1.5 | | 648.00 | 252.72 | |
| | Column str 8mm Small | 16x27 | 0.9 | | 388.80 | 151.63 | |
| | Lintel L/wall 10 mm | 2x4 | 24.15 | | 193.20 | 119.78 | |
| | Lintel L/wall 8 mm strps | 2x138 | 0.6 | | 165.60 | 165.60 | |
| | Lintel S/wall 10 mm | 7x4 | 6.1 | | 170.80 | 105.90 | |
| | Lintel S/wall 8mm strps | 7x35 | 0.6 | | 147.00 | 57.33 | |
| | Room1 L/wall 10 mm | 2x4 | 5.8 | | 46.40 | 28.77 | |
| | Room1 L/wall 8 mm strp | 2x33 | 0.6 | | 39.6 | 15.44 | |
| | Room1 L/wall 10 mm | 1x4 | 4.25 | | 17 | 10.54 | |
| | Room1 L/wall 8 mm strp | 1x22 | 0.6 | | 13.2 | 5.15 | |
| | Lintle Toilet L wall 10mm | 6x4 | 2.4 | | 57.6 | 57.60 | |
| | Lintle Toilet L wall 8mm strps | 6x14 | 0.6 | | 50.4 | 19.66 | |
| | Lintle Toilet S wall 10mm | 6x4 | 1.5 | | 36 | 22.32 | |
| | Lintle Toilet S wall 8mm strps | 6x8 | 0.6 | | 28.8 | 11.23 | |
| | Chajja w1 10mm | 4x13 | 0.75 | | 39 | 24.18 | |
| | Chajja w1 8mm | 4x6 | 1.8 | | 43.2 | 16.85 | |
| | Chajja V 10mm | 10x8 | 0.75 | | 60 | 37.20 | |
| | Chajja V 8mm | 4x6 | 1.2 | | 28.8 | 11.23 | |
| | L/ Beam 20mm | 2x4 | 24.45 | | 195.6 | 481.18 | |
| | L/ Beam 16mm | 2x4 | 24.45 | | 195.6 | 307.09 | |
| | Extra bar at beam 16 mm | 2x10 | 2.4 | | 48 | 75.36 | |
| | L/ Beam 8mm strps | 2x121 | 1.6 | | 387.2 | 151.01 | |
| | S/ Beam 20mm | 5x4 | 7.9 | | 158 | 388.68 | |
| | S/ Beam 16mm | 5x4 | 7.9 | | 158 | 248.06 | |
| | S/ Beam 8mm Strps | 5x40 | 1.6 | | 320 | 124.80 | |
| | Beam b/N R2 & R3 20 mm | 2x4 | 6.1 | | 48.8 | 120.05 | |
| | Beam b/N R2 & R3 16mm | 2x4 | 6.1 | | 48.8 | 76.62 | |
| | Beam b/N R2 & R3 8mm strps | 2x31 | 1.6 | | 99.2 | 38.69 | |
| | Beam R1 20mm | 2x4 | 5.8 | | 46.4 | 114.14 | |
| | Beam R1 16mm | 2x4 | 5.8 | | 46.4 | 72.85 | |
| | Beam R1 8mm Strps | 2x30 | 1.6 | | 96 | 37.44 | |
| | Roof main 10mm | 61 | 24.15 | | 1473.15 | 913.35 | |
| | Roof 8mm distrbs | 148 | 7.6 | | 1124.8 | 438.672 | |
| | Roof main 10mm | 32 | 5.75 | | 184 | 114.08 | |
| | Roof 8mm distrbs | 46 | 11.6 | | 533.6 | 208.104 | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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| | | | | | | |
|---|---|---|---|---|---|---|
| Roof extra bar 10mm | 77 | 1.2 | | 92.4 | 57.288 | |
| Roof extra bar 10mm | 167 | 2.4 | | 400.8 | 248.496 | |
| Roof extra bar 10mm | 74 | 2.5 | | 185 | 114.7 | |
| Head Room beam 16 mm | 2x4 | 6.1 | | 48.8 | 76.616 | |
| Head Room beam 16 mm | 2x4 | 2.1 | | 16.8 | 26.376 | |
| Head Room roof 10 mm | 22 | 2.1 | | 46.2 | 28.644 | |
| Head Room roof 8mm | 17 | 2.7 | | 45.9 | 17.901 | |
| | | | | | 6663.69 | |
| | | | | | 6.66 | ton |

Roof

Head Room beam 16 mm
Head Room roof 10 mm
Head Room roof 8mm

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 03-02-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification | | | | | | |
| Column First floor | 16 | 1.60 | 2.80 | | 71.68 | |
| | | | | | **71.68** | Sqm |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 17-02-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specifications | | | | | | |
| Roof | 1 | 7.60 | 24.15 | | 183.54 | |
| Roof | 1 | 4.00 | 5.75 | | 23.00 | |
| Roof side | 2 | 24.15 | 0.15 | | 7.25 | |
| Roof side | 2 | 11.60 | 0.15 | | 3.48 | |
| Staicase Waist slab | 2 | 3.20 | 1.05 | | 6.72 | |
| Staicase landing | 1 | 2.10 | 1.20 | | 2.52 | |
| Beam U/wall | 2x2 | 24.15 | 0.30 | | 29.98 | |
| Beam Room 2,3,4,5 & 6 | 2x7 | 7.20 | 0.30 | | 30.24 | |
| Beam Room 1 East & west | 2x2 | 5.50 | 0.30 | | 6.60 | |
| Beam b/n Room1 & 2 | 2x1 | 3.90 | 0.30 | | 2.34 | |
| Head room beam | 2x2 | 7.60 | 0.30 | | 9.12 | |
| Head room beam | 2x2 | 2.10 | 0.30 | | 2.52 | |
| Head room Roof | 1 | 2.70 | 6.10 | | 16.47 | |
| Head room Roof side | 2 | 2.70 | 0.15 | | 0.81 | |
| Head room Roof side | 2 | 6.10 | 0.15 | | 1.83 | |
| Deduct Staicase Waist slab area | 1 | 2.10 | 4.20 | | -8.82 | |
| | | | | | **317.60** | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ. ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ. ರವೀಂದ್ರನಗರ. ಬೆಂಗಳೂರು.

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BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 17-02-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams,beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour completeas per specifications | | | | | | |
| Lintel L/wall | 2x2 | 24.15 | | 0.15 | 14.49 | |
| Lintel Room 2,3,4,5 & 6 | 7x2 | 5.80 | | 0.15 | 12.18 | |
| Lintel Room 1 East & west | 2x2 | 5.50 | | 0.15 | 3.30 | |
| Lintel wall b/n Room1 & 2 | 1x2 | 3.90 | | 0.15 | 1.17 | |
| Lintel for Toilet wall | 6x2 | 3.30 | | 0.15 | 5.94 | |
| | | | | | 37.08 | Sqm |

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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

Pre measurement record on :- 17-02-2020

| Sl No | Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| | | | L | B | D | | |
| 13 | Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specification | | | | | | |
| | out side Chejja W1 | 6 | 1.80 | 0.60 | | 6.48 | |
| | Out side Chejja W2 & V | 10 | 1.20 | 0.60 | | 7.20 | |
| | Chajja side W1 | 6 | 3.00 | 0.08 | | 1.35 | |
| | Chajja side W2 & V | 10 | 2.40 | 0.08 | | 1.80 | |
| | | | | | | 16.83 | Sqm |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 17-02-2022**

| Sl No | Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| | | | L | B | D | | |
| 16 | Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves ( excluding cost of materials, labour, HOM of machineries complete as per specifications | | | | | | |
| | Door D | 6x2 | 1.20 | 0.13 | 0.10 | 0.18 | |
| | Door D | 6x2 | 2.10 | 0.13 | 0.10 | 0.32 | |
| | Door D1 | 6x1 | 0.90 | 0.13 | 0.08 | 0.05 | |
| | Door D1 | 6x2 | 2.10 | 0.13 | 0.08 | 0.24 | |
| | | | | | | **0.78** | Cum |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

12/20

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 18-02-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications | | | | | | |
| Window Grill W1 | 11 | 1.50 | | 1.20 | 19.80 | |
| Window Grill W2 | 4 | 0.90 | | 1.20 | 4.32 | |
| Ventilator grill V | 6 | 0.90 | | 0.60 | 3.24 | |
| | | | | | **27.36** | |
| Consider 21 kg per one sqm | 21.00 | x | 27.36 | | **574.56** | Kg |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 13-03-2020**

| Sl No | Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| | | | L | B | D | | |
| 22 | Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification | | | | | | |
| | Ceiling | | | | | | |
| | Room1 | 1 | 4.15 | 3.90 | | 16.19 | |
| | Room2 | 1 | 6.95 | 3.90 | | 27.11 | |
| | Room3 | 1 | 5.80 | 3.90 | | 22.62 | |
| | Room4 | 1 | 5.80 | 4.45 | | 25.81 | |
| | Room5 | 1 | 5.80 | 4.40 | | 25.52 | |
| | Room6 | 1 | 5.80 | 4.40 | | 25.52 | |
| | Straircase waist slab bottom | 1 | 5.80 | 2.10 | | 12.18 | |
| | Head Room | 1 | 6.10 | 2.10 | | 12.81 | |
| | Front Balcony (Passage) | 1 | 19.90 | 1.50 | | 29.85 | |
| | Front Balcony (Passage) | 1 | 4.00 | 1.50 | | 6.00 | |
| | Front Balcony Beam side | 6x2 | 1.50 | 0.30 | | 5.40 | |
| | | | | | | 209.00 | Sqm |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ. ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 16-03-2020**

| Sl No | Description of work | No | Dimensions L | B | D | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| 23 | Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications | | | | | | |
| | **In side plastering** | | | | | | |
| | Room1 | 1 | 16.10 | | 3.20 | 51.52 | |
| | Room2 | 1 | 21.70 | | 3.20 | 69.44 | |
| | Room3 | 1 | 19.40 | | 3.20 | 62.08 | |
| | Room4 | 1 | 20.50 | | 3.20 | 65.60 | |
| | Room5 | 1 | 20.40 | | 3.20 | 65.28 | |
| | Room6 | 1 | 20.40 | | 3.20 | 65.28 | |
| | Bath/ toilet | 6 | 6.60 | | 3.20 | 126.72 | |
| | Deduction | | | | | | |
| | D | 1/2x6 | 1.05 | | 2.10 | -6.62 | |
| | D1 | 6 | 0.75 | | 2.10 | -9.45 | |
| | W1 | 1/2x9 | 1.50 | | 1.20 | -8.10 | |
| | W2 | 1/2x4 | 0.90 | | 1.20 | -2.16 | |
| | V | 1/2x6 | 0.75 | | 0.60 | -1.35 | |
| | | | | | | 478.25 | Sqm |
| | | | | Qty limited to | | 476.08 | Sqm |

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಮಲ್ಲಸಂದ್ರ, ಬೆಂಗಳೂರು.

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## BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 16-03-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour,curing complete as per specifications | | | | | | |
| (Qty vide Item No22 &23) | | | | | 687.25 | Sqm |

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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

16/20

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:- Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

Measurement record on :- 18-03-2020

| Description of work | No | Dimensions L | B | D | Quantity | Unit |
|---|---|---|---|---|---|---|
| Providing and laying flooring using prepolished, water cut/gang saw 18mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labour etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / Tanzanitgreen Granite of width not less than 1200mm | | | | | | |
| **Ground floor** | | | | | | |
| Kitchen | 1 | 13.20 | 5.80 | | 76.56 | |
| Floor at Straicase | 1 | 2.30 | 5.80 | | 13.34 | |
| Step at passage (riser) | 1 | 7.00 | 0.15 | | 1.05 | |
| Staircase riser | 19 | 1.05 | 0.15 | | 2.99 | |
| Staircase tread | 18 | 0.30 | 1.05 | | 5.67 | |
| Landing | 1 | 2.10 | 1.05 | | 2.21 | |
| **First floor** | | | | | | |
| Room1 | 1 | 4.15 | 3.90 | | 16.19 | |
| Room2 | 1 | 4.25 | 3.90 | | 16.58 | |
| In front off toilet | 1 | 2.70 | 1.50 | | 4.05 | |
| Room3 | 1 | 4.45 | 3.90 | | 17.36 | |
| In front off toilet | 1 | 1.35 | 1.65 | | 2.23 | |
| Room4 | 1 | 4.45 | 4.45 | | 19.80 | |
| In front off toilet | 1 | 1.35 | 2.00 | | 2.70 | |
| Room 5 & 6 | 2 | 4.45 | 4.40 | | 39.16 | |
| In front off toilet room 5 & 6 | 2 | 1.35 | 2.00 | | 5.40 | |
| Staircase riser | 19 | 1.05 | 0.15 | | 2.99 | |
| Staircase tread | 18 | 0.25 | 1.05 | | 4.73 | |
| Landing | 1 | 2.10 | 1.05 | | 2.21 | |
| Balcony | 1 | 19.90 | 1.40 | | 27.86 | |
| Balcony | 1 | 4.00 | 1.40 | | 5.60 | |
| at str | 1 | 1.30 | 2.10 | | 2.73 | |
| Skirting Room 1 | 1 | 14.20 | 0.10 | | 1.42 | |
| Skirting Room 2 | 1 | 19.80 | 0.10 | | 1.98 | |
| Skirting Room 3 | 1 | 16.60 | 0.10 | | 1.66 | |
| Skirting Room 4 | 1 | 18.60 | 0.10 | | 1.86 | |
| Skirting Room 5 | 1 | 18.50 | 0.10 | | 1.85 | |
| Skirting Room 6 | 1 | 18.50 | 0.10 | | 1.85 | |
| | | | | | 282.01 | Sqm |

EE (D.D.)

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division**

**Measurement record on :- 18-03-2020**

| Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|
| | | L | B | D | | |
| Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications | | | | | | |
| Terace | 1 | 7.40 | | 23.85 | 176.49 | |
| | 1 | 3.80 | | 5.45 | 20.71 | |
| | | | | | **197.20** | |
| | | Qty Limited to | | | **195.91** | Cum |

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

18/20

Cashier

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work:** Construction of rooms and other civil works at Ambedkar Bhavan( Balance portion) in Mallasandra colony ward No 13 Shettyhalli Sub Division

**Measurement record on :- 18-03-2020**

| | Description of work | No | Dimensions | | | Quantity | Unit |
|---|---|---|---|---|---|---|---|
| | | | L | B | D | | |
| | Providing and fixing self-supported, ribbed, high quality, high grade (D:350 MPAYst Min ), pre- painted Galvalume steel roof sheet, coated with bare Galvalume coating AZ 150, @150 gms/Smtr 55%AL,45%Zn) by hot dip process , of total coated thickness as specified for different spans with a tolerance of+/- 0.02 mm, according to technical specification confirming to A 792, with NCCA11-1, or ECCAT4 Pencil hardness HB, NCCA standard T-Bend test. The roof should be fastened to the gutter beam, on the external sloping side, at an interval of 51mm Centre to Centre, to a depth of 65 mm with GI anchor bolts and neoprene washers & subjecting the gutter beam to Schmidt, Hammer test to ensure the anchorage of the anchor bolts. The self-supported roofing system should be designed to with stand the wind loacl (As per IS 875 part-3) & Earthquake load (as per IS 1893) & the design should also comply with any other technical requirements such as turbo ventilators of 0.60 mts. dia and skylights of size 4.26 x 0.60 mts. fixed one in each row @ 10.00 Mtr C/C along the length & hangers for electrical fixtures as per the requirements including cost of all materials &labour for erection, all lead and lift, loading and unloading, HOM of machineries etc., complete as per the standard detailed technical specification, design and directions of the engineer in charge of the work. | | | | | | | |
| | Roof sheet | 1 | 19 | | 5.65 | 107.35 | |
| | | | | | | **107.35** | Sqm |

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Name of Work: Construction of rooms and other civil works at Ambedkar Bhavan( Balance**

**Measurement record on :- 18-03-2020**

| Description of work | No | Dimensions L | B | D | Quantity | Unit |
|---|---|---|---|---|---|---|
| Fabrication supplying and erecting M.S. tubular trusses of all spans as quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification | | | | | | |
| Steel tube -200mmx100mmx3mm | 5 | 5.45 | | | 27.25 | |
| | | 13.85kg/m | | | 377.41 | |
| Steel tube -1500mmx100mmx2mm | 5 | 18.70 | | | 93.50 | |
| | | 9.66kg/m | | | 903.21 | |
| | | | | | **1280.62** | |
| | | Qty limited to | | | **1230.43** | Kg |

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ. ರವೀಂದ್ರನಗರ. ಬೆಂಗಳೂರು.

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